

11/29/02



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/044,995

DATE: 02/07/2002

TIME: 11:07:34

Input Set : N:\Crf3\RULE60\10044995.raw
 Output Set: N:\CRF3\02072002\J044995.raw

SEQUENCE LISTING

ENTERED

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: DELEYS, ROBERT J
 6 POLLET, DIRK
 7 MAERTENS, GEERT
 8 VAN HEUVERSWUN, HUGO

10 (ii) TITLE OF INVENTION: SYNTHETIC ANTIGENS FOR THE DETECTION OF
 11 ANTIBODIES TO HEPATITIS C VIRUS

13 (iii) NUMBER OF SEQUENCES: 23

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: NIXON & VANDERHYE P.C.
 17 (B) STREET: 1100 NORTH GLEBE ROAD
 18 (C) CITY: ARLINGTON
 19 (D) STATE: VA
 20 (E) COUNTRY: USA
 21 (F) ZIP: 22201

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk
 25 (B) COMPUTER: IBM PC compatible
 26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

30 (A) APPLICATION NUMBER: US/10/044,995
 C--> 31 (B) FILING DATE: 15-Jan-2002
 C--> 32 (C) CLASSIFICATION:

48 (vii) PRIOR APPLICATION DATA:

36 (A) APPLICATION NUMBER: 08/391,671
 37 (B) FILING DATE:
 41 (A) APPLICATION NUMBER: US 07/920,286
 42 (B) FILING DATE: 14-OCT-1992
 45 (A) APPLICATION NUMBER: WO PCT/EP91/02409
 46 (B) FILING DATE: 13-DEC-1991
 49 (A) APPLICATION NUMBER: EP 90124241.2
 50 (B) FILING DATE: 14-DEC-1990

52 (viii) ATTORNEY/AGENT INFORMATION:

53 (A) NAME: SADOFF, B.J.
 54 (B) REGISTRATION NUMBER: 36,663
 55 (C) REFERENCE/DOCKET NUMBER: 1487-5

57 (ix) TELECOMMUNICATION INFORMATION:

58 (A) TELEPHONE: 7038164000
 59 (B) TELEFAX: 7038164100

62 (2) INFORMATION FOR SEQ ID NO: 1:

64 (i) SEQUENCE CHARACTERISTICS:

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65 (A) LENGTH: 20 amino acids
66 (B) TYPE: amino acid
67 (C) STRANDEDNESS: single
68 (D) TOPOLOGY: linear
70 (iii) MOLECULE TYPE: peptide
74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
76 Met Ser Thr Ile Pro Lys Pro Gln Arg Lys Thr Lys Arg Asn Thr Asn
77 1 5 10 15
79 Arg Arg Pro Gln
80 20
82 (2) INFORMATION FOR SEQ ID NO: 2:
84 (i) SEQUENCE CHARACTERISTICS:
85 (A) LENGTH: 20 amino acids
86 (B) TYPE: amino acid
87 (C) STRANDEDNESS: single
88 (D) TOPOLOGY: linear
90 (iii) MOLECULE TYPE: peptide
94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
96 Pro Gln Arg Lys Thr Lys Arg Asn Thr Asn Arg Arg Pro Gln Asp Val
97 1 5 10 15
99 Lys Phe Pro Gly
100 20
102 (2) INFORMATION FOR SEQ ID NO: 3:
104 (i) SEQUENCE CHARACTERISTICS:
105 (A) LENGTH: 11 amino acids
106 (B) TYPE: amino acid
107 (C) STRANDEDNESS: single
108 (D) TOPOLOGY: linear
110 (iii) MOLECULE TYPE: peptide
114 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
116 Gln Arg Lys Thr Lys Arg Asn Thr Asn Arg Arg
117 1 5 10
119 (2) INFORMATION FOR SEQ ID NO: 4:
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 20 amino acids
123 (B) TYPE: amino acid
124 (C) STRANDEDNESS: single
125 (D) TOPOLOGY: linear
127 (iii) MOLECULE TYPE: peptide
131 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
133 Arg Asn Thr Asn Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly
134 1 5 10 15
136 Gln Ile Val Gly
137 20
139 (2) INFORMATION FOR SEQ ID NO: 5:
141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 20 amino acids
143 (B) TYPE: amino acid
144 (C) STRANDEDNESS: single

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145 (D) TOPOLOGY: linear
147 (ii) MOLECULE TYPE: peptide
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
153 Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala Thr Arg Lys Thr
154 1 5 10 15
156 Ser Glu Arg Ser
157 20
159 (2) INFORMATION FOR SEQ ID NO: 6:
161 (i) SEQUENCE CHARACTERISTICS:
162 (A) LENGTH: 20 amino acids
163 (B) TYPE: amino acid
164 (C) STRANDEDNESS: single
165 (D) TOPOLOGY: linear
167 (ii) MOLECULE TYPE: peptide
171 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
173 Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
174 1 5 10 15
176 Ile Pro Lys Val
177 20
179 (2) INFORMATION FOR SEQ ID NO: 7:
181 (i) SEQUENCE CHARACTERISTICS:
182 (A) LENGTH: 20 amino acids
183 (B) TYPE: amino acid
184 (C) STRANDEDNESS: single
185 (D) TOPOLOGY: linear
187 (ii) MOLECULE TYPE: peptide
191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
193 Arg Arg Gln Pro Ile Pro Lys Val Arg Arg Pro Glu Gly Arg Thr Trp
194 1 5 10 15
196 Ala Gln Pro Gly
197 20
199 (2) INFORMATION FOR SEQ ID NO: 8:
201 (i) SEQUENCE CHARACTERISTICS:
202 (A) LENGTH: 20 amino acids
203 (B) TYPE: amino acid
204 (C) STRANDEDNESS: single
205 (D) TOPOLOGY: linear
207 (ii) MOLECULE TYPE: peptide
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
213 Gly Arg Thr Trp Ala Gln Pro Gly Tyr Pro Trp Pro Leu Tyr Gly Asn
214 1 5 10 15
216 Glu Gly Cys Gly
217 20
219 (2) INFORMATION FOR SEQ ID NO: 9:
221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 20 amino acids
223 (B) TYPE: amino acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear

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227 (ii) MOLECULE TYPE: peptide
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
233 Leu Ser Gly Lys Pro Ala Ile Ile Pro Asp Arg Glu Val Leu Tyr Arg
234 1 5 10 15
236 Glu Phe Asp Glu
237 20
239 (2) INFORMATION FOR SEQ ID NO: 10:
241 (i) SEQUENCE CHARACTERISTICS:
242 (A) LENGTH: 20 amino acids
243 (B) TYPE: amino acid
244 (C) STRANDEDNESS: single
245 (D) TOPOLOGY: linear
247 (ii) MOLECULE TYPE: peptide
251 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
253 Ile Ile Pro Asp Arg Glu Val Leu Tyr Arg Glu Phe Asp Glu Met Glu
254 1 5 10 15
256 Glu Cys Ser Gln
257 20
259 (2) INFORMATION FOR SEQ ID NO: 11:
261 (i) SEQUENCE CHARACTERISTICS:
262 (A) LENGTH: 20 amino acids
263 (B) TYPE: amino acid
264 (C) STRANDEDNESS: single
265 (D) TOPOLOGY: linear
267 (ii) MOLECULE TYPE: peptide
271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
273 Asp Glu Met Glu Glu Cys Ser Gln His Leu Pro Tyr Ile Glu Gln Gly
274 1 5 10 15
276 Met Met Leu Ala
277 20
279 (2) INFORMATION FOR SEQ ID NO: 12:
281 (i) SEQUENCE CHARACTERISTICS:
282 (A) LENGTH: 20 amino acids
283 (B) TYPE: amino acid
284 (C) STRANDEDNESS: single
285 (D) TOPOLOGY: linear
287 (ii) MOLECULE TYPE: peptide
291 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
293 Ser Gln His Leu Pro Tyr Ile Glu Gln Gly Met Met Leu Ala Glu Gln
294 1 5 10 15
296 Phe Lys Gln Lys
297 20
299 (2) INFORMATION FOR SEQ ID NO: 13:
301 (i) SEQUENCE CHARACTERISTICS:
302 (A) LENGTH: 20 amino acids
303 (B) TYPE: amino acid
304 (C) STRANDEDNESS: single
305 (D) TOPOLOGY: linear
307 (ii) MOLECULE TYPE: peptide

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311 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
313 Ile Glu Gln Gly Met Met Leu Ala Glu Gln Phe Lys Gln Lys Ala Leu
314 1 5 10 15
316 Gly Leu Leu Gln
317 20

319 (2) INFORMATION FOR SEQ ID NO: 14:
321 (i) SEQUENCE CHARACTERISTICS:
322 (A) LENGTH: 20 amino acids
323 (B) TYPE: amino acid
324 (C) STRANDEDNESS: single
325 (D) TOPOLOGY: linear
327 (ii) MOLECULE TYPE: peptide
331 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
333 Leu Ala Glu Gln Phe Lys Gln Lys Ala Leu Gly Leu Leu Gln Thr Ala
334 1 5 10 15
336 Ser Arg Gln Ala
337 20

339 (2) INFORMATION FOR SEQ ID NO: 15:
341 (i) SEQUENCE CHARACTERISTICS:
342 (A) LENGTH: 20 amino acids
343 (B) TYPE: amino acid
344 (C) STRANDEDNESS: single
345 (D) TOPOLOGY: linear
347 (ii) MOLECULE TYPE: peptide
351 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
353 Gln Lys Ala Leu Gly Leu Leu Gln Thr Ala Ser Arg Gln Ala Glu Val
354 1 5 10 15
356 Ile Ala Pro Ala
357 20

359 (2) INFORMATION FOR SEQ ID NO: 16:
361 (i) SEQUENCE CHARACTERISTICS:
362 (A) LENGTH: 20 amino acids
363 (B) TYPE: amino acid
364 (C) STRANDEDNESS: single
365 (D) TOPOLOGY: linear
367 (ii) MOLECULE TYPE: peptide
371 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
373 Glu Asp Glu Arg Glu Ile Ser Val Pro Ala Glu Ile Leu Arg Lys Ser
374 1 5 10 15
376 Arg Arg Phe Ala
377 20

379 (2) INFORMATION FOR SEQ ID NO: 17:
381 (i) SEQUENCE CHARACTERISTICS:
382 (A) LENGTH: 20 amino acids
383 (B) TYPE: amino acid
384 (C) STRANDEDNESS: single
385 (D) TOPOLOGY: linear
387 (ii) MOLECULE TYPE: peptide
391 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

VERIFICATION SUMMARY

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]